



NITFS Compliance Registration



Product: Telesis Image & Communications Environment (ICE) version 4.1

Date: 22 May 2006

Sponsor: Telesis Corporation, San Antonio, Texas

Expiration: 21 May 2007

Developer: Telesis Corporation, San Antonio, Texas

Registration #: 2045

☐ Initial Registration
☒ Supplemental/Update #01
☐ Derived from Reg. # 6

System
N-0105/98, §4.1.1

NITFS Features Implemented:

☒ **Product**
N-0105/98, §4.1.2

☐ **Component**
N-0105/98, §4.1.3

Format
☒ NITF
☒ v2.1
☒ v2.0
☒ v1.1
☐ NSIF
☒ v1.0

Pixel Value Types
☒ Boolean
☒ Integer
☐ Signed Integer *
☐ IEEE Real *
☐ IEEE Complex *

Annotation Segment Types
☒ Bit Mapped **
☒ COM, 2301
☒ COM, 2301A
☒ Labels **

Text Segments
☒ TA
☒ UT1
☐ U8S
☐ MTF

Image Segment Types
☒ MONO
☒ RGB
☒ RGB/LUT
☒ YCbCr
☒ MULTI
☐ NO DISPLY
☐ POLAR

Image Compression
☒ Not Compressed
☒ JPEG Lossy, 8-bit
☒ JPEG Lossy, 12-bit
☒ JPEG Downsample
☒ JPEG Lossless
☐ JPEG 2000
☒ J2K Level
☒ Vector Quantization
☒ Multispectral JPEG, Individual Band

Data Extension Segments
☐ TRE_OVERFLOW
☐ STREAMING_FILE_HEADER
☐ Controlled Extensions **
☐ Registered Extensions **

Tagged Record Extensions
- None implemented

Complexity Level							
NITF 2.1 CLEVEL							
	3		5	6	7		
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

Configurations Tested:

- Pentium (MS Windows 95)
- Pentium (MS Windows 98)
- Pentium (MS Windows NT 4.0 Sp5)

CHRISTOPHER K. LONG, Acting Division Chief
Joint Interoperability Test Command
Executive Agent to National Imagery & Mapping Agency
for the NITFS Test and Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.
Potential users should evaluate the detailed test results to determine the suitability of
the product for the intended use. Optional NITFS features may not be implemented.